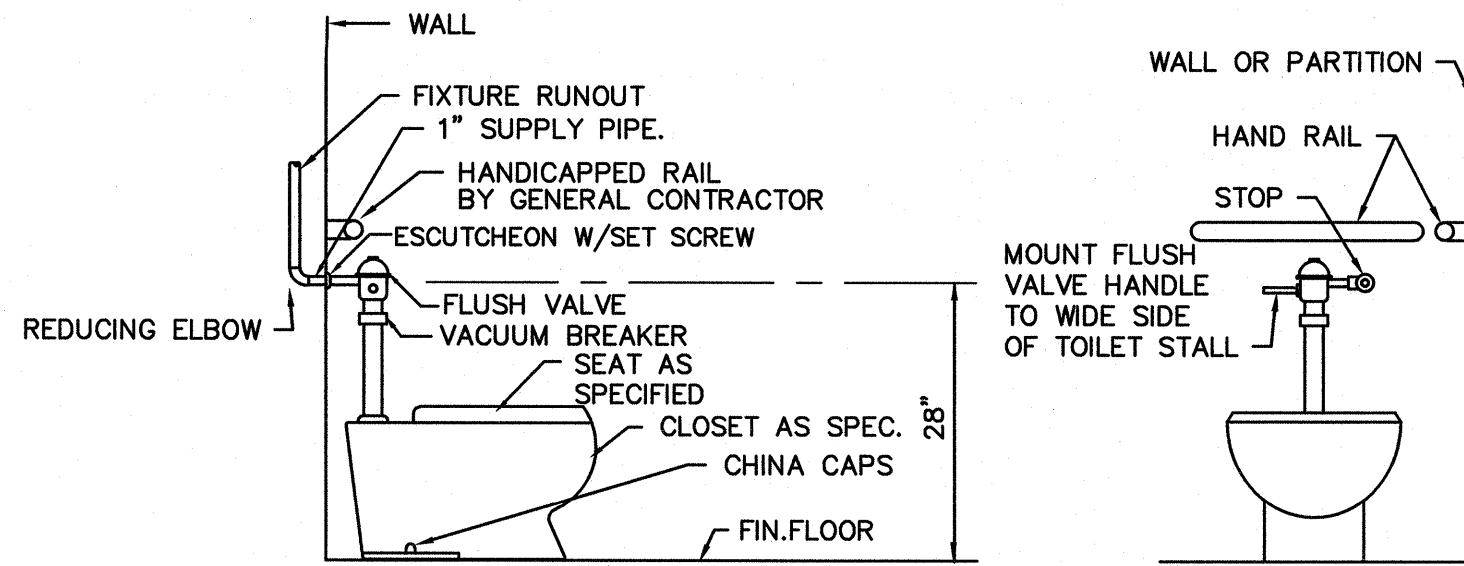
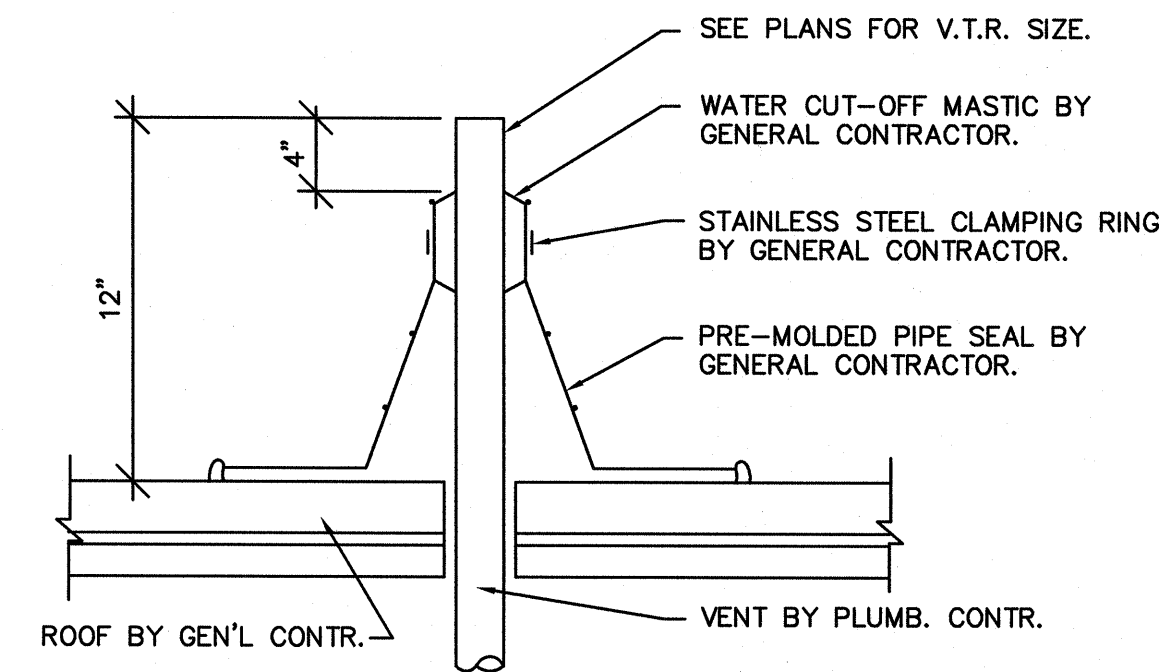


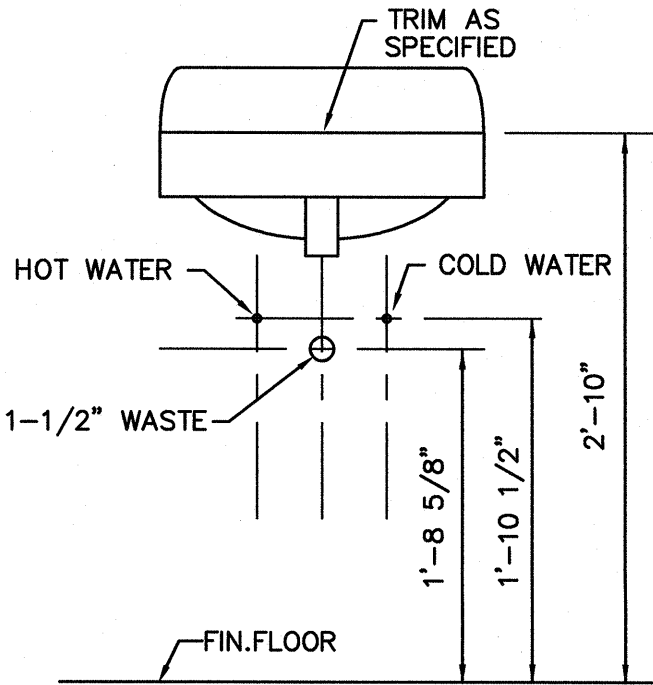
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P0.1
ADULT STANDARD WATER CLOSET (P-1) DETAIL
NO SCALE



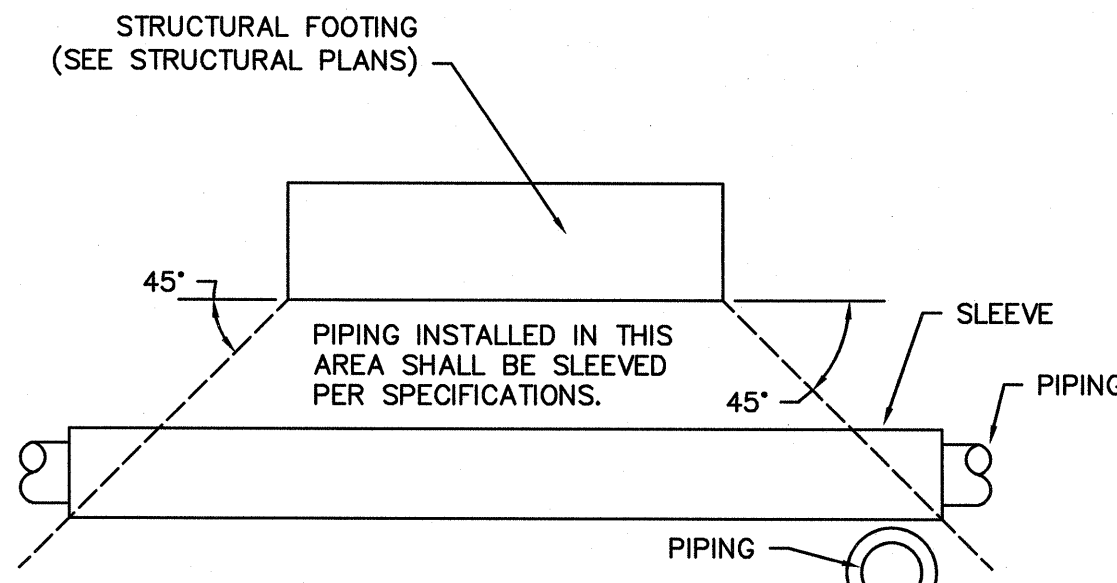
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ADULT ADA WATER CLOSET (P-2) DETAIL
NO SCALE



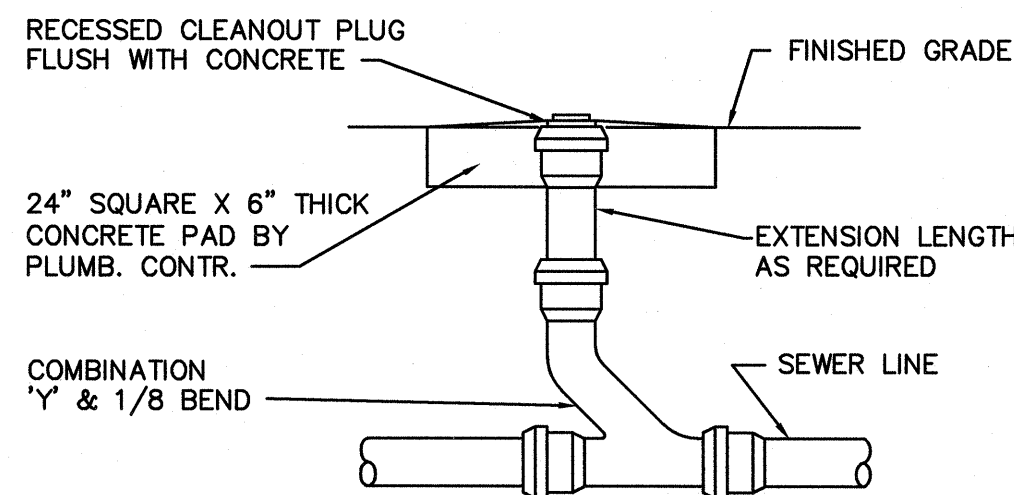
C
P0.1
VENT THRU ROOF DETAIL (FLAT ROOF)
NO SCALE



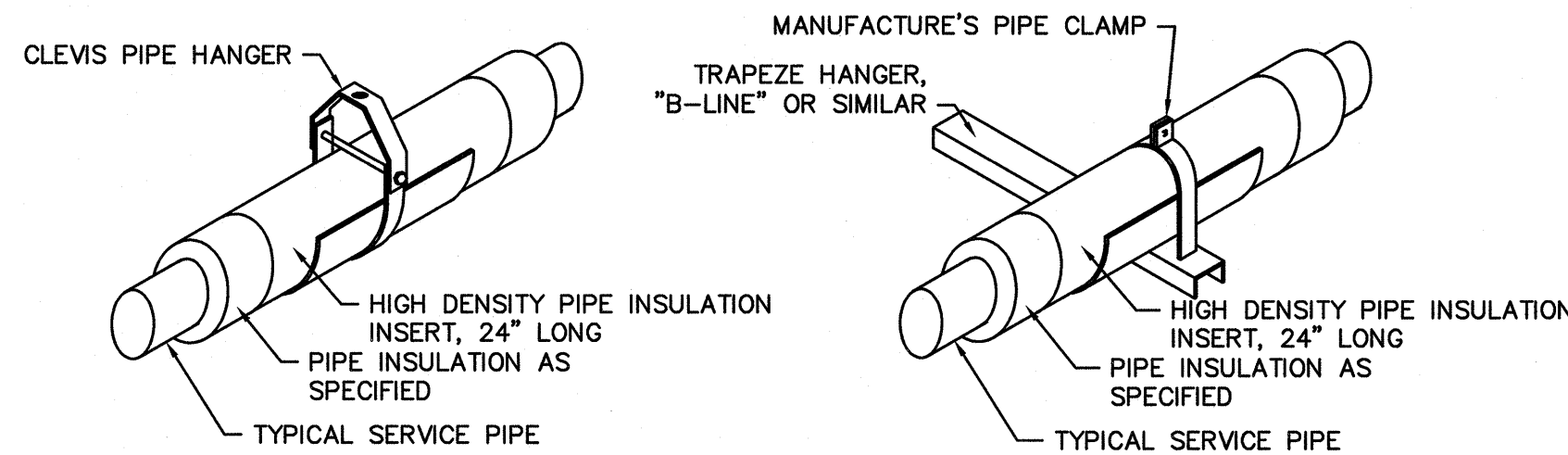
D
P0.1
ADULT ADA LAVATORY (P-3 & 5) ROUGH-IN ELEVATION
NO SCALE



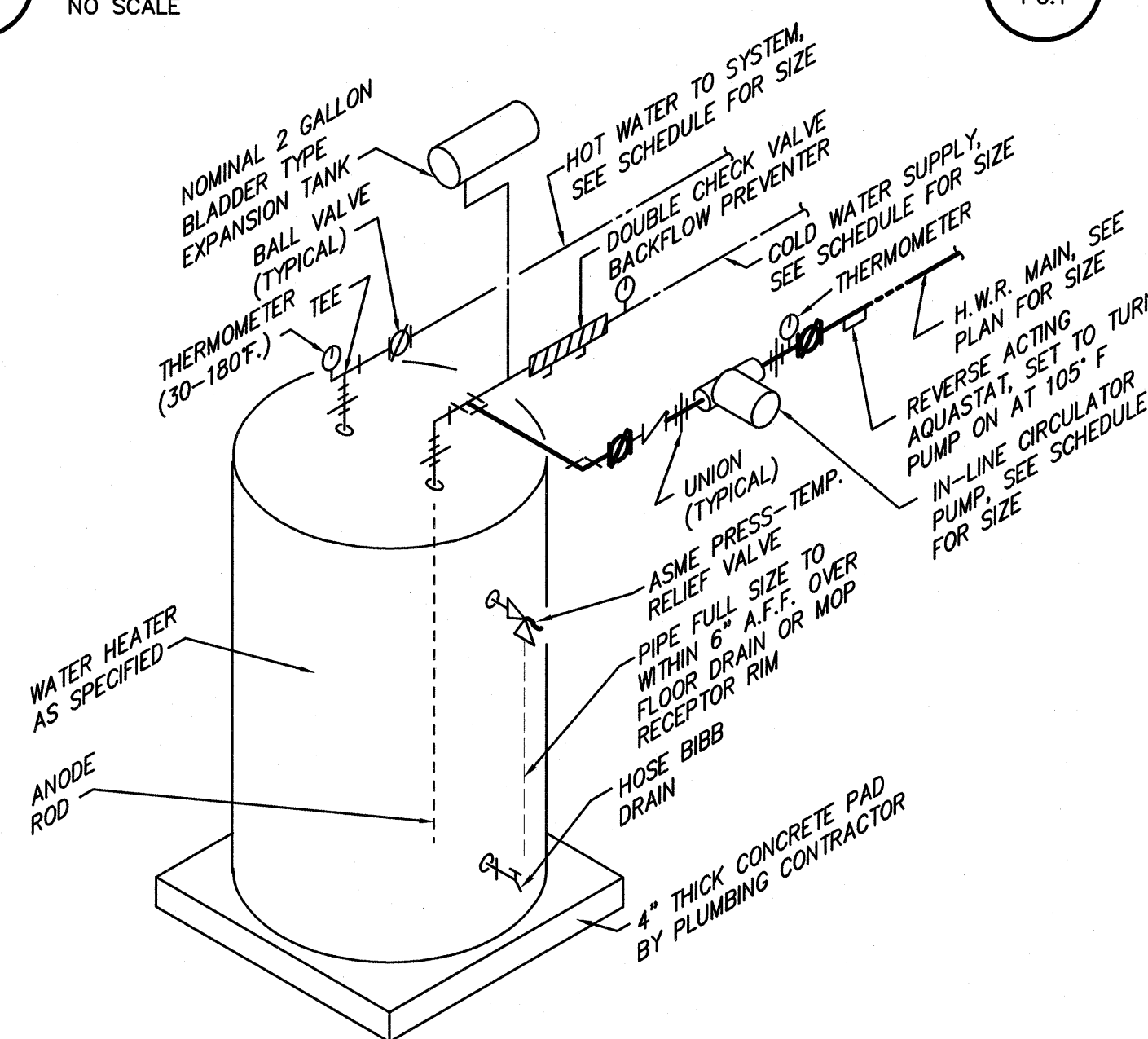
E
P0.1
PIPING UNDER FOOTINGS
NO SCALE



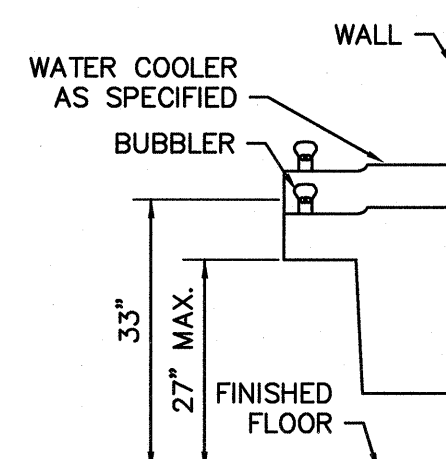
F
P0.1
EXTERIOR CLEANOUT DETAIL
NO SCALE



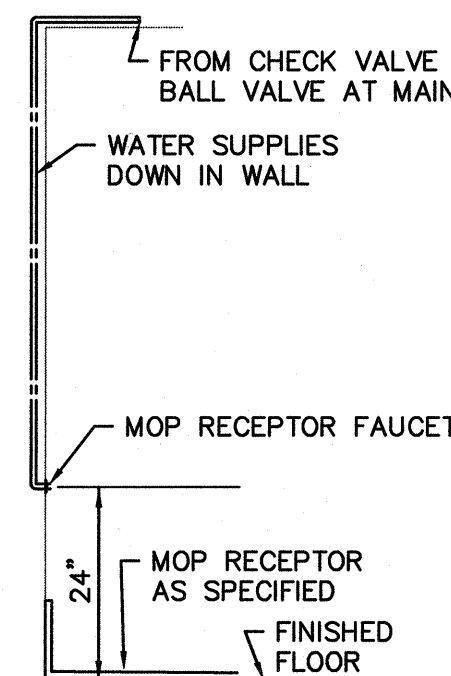
G
P0.1
PIPE HANGER DETAILS
NO SCALE



H
P0.1
WATER HEATER PIPING DETAIL (P-15)
NO SCALE



J
P0.1
ADULT'S DUAL HEIGHT ELECTRIC WATER COOLER (P-20) DETAIL
NO SCALE



K
P0.1
MOP RECEPTOR (P-16) DETAIL
NO SCALE

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	MAX. FLOW	ROUGH-IN SIZES			REMARKS
			WASTE	C.W.	H.W.	
P-1	WATER CLOSET	1.28 GPF	4"	1-1/4"	-	STANDARD/DETAIL A/P0.1
P-2	WATER CLOSET	1.28 GPF	4"	1-1/4"	-	ADA HEIGHT/DETAIL B/P0.1
P-3	LAVATORY	0.5 GPM	1-1/2"	1/2"	1/2"	ADA HEIGHT/DETAIL D/P0.1
P-4	COUNTERTOP LAVATORY	0.5 GPM	1-1/2"	1/2"	1/2"	ADA
P-5	HANDWASH SINK	0.5 GPM	1-1/2"	1/2"	1/2"	ADA HEIGHT/DETAIL D/P0.1
P-6	LOUNGE SINK	1.5 GPM	1-1/2"	1/2"	1/2"	SINGLE COMPARTMENT/ADA
P-7	COUNTERTOP SINK	1.5 GPM	1-1/2"	1/2"	1/2"	SINGLE COMPARTMENT/ADA
P-8	COUNTERTOP SINK	1.5 GPM	1-1/2"	1/2"	1/2"	DOUBLE COMPARTMENT/ADA
P-9	HOSE BIBB IN BOX	NOTE 1	-	1/2"	-	MOUNT 8" AFF
P-10	HOSE BIBB	NOTE 1	-	1/2"	-	MOUNT 8" AFF
P-11	WALL HYDRANT	NOTE 1	-	3/4"	-	MOUNT 24" AFG
P-12	FLOOR DRAIN	-	2"	-	-	
P-13	FLOOR DRAIN	-	4"	-	-	
P-14	HUB DRAIN	-	3"	-	-	
P-15	WATER HEATER - SEE SCHEDULE					
P-16	MOP RECEPTOR	NOTE 1	3"	1/2"	1/2"	DETAIL K/P0.1
P-17	WASHER CONNECTION BOX	NOTE 1	2"	1/2"	1/2"	
P-18	FLOOR SINK	-	3"	-	-	1/2 GRATE
P-19	COLD WATER CONNECTION BOX	NOTE 1	-	1/2"	-	
P-20	ELECTRIC WATER COOLER	0.75 GPM	1-1/2"	1/2"	-	DUAL HEIGHT, BOTTLE FILLER/DETAIL J/P0.1

1. FLOW RATE NOT REGULATED BY CODE. FIXTURE SHALL COMPLY WITH SPECIFICATIONS.
2. LAVATORIES SHALL HAVE MIXING VALVES INSTALLED SUCH THAT WATER TEMPERATURE IS LIMITED TO 110F. MIXING VALVES SHALL CONFORM TO ASSE 1070 OR CSA B125.3, SEE SPECIFICATIONS.

WATER HEATER SCHEDULE

SYMBOL	DESCRIPTION	ROUGH-IN SIZES CW	HW	TEMP. SETTING	STORAGE CAPACITY	RECOVERY	ELECTRICAL	DETAIL
P-15	TANK TYPE ELECTRIC	3/4"	3/4"	120F	66 GAL	59 GPH	10 KW, 480V, 3Ø	H/P0.1

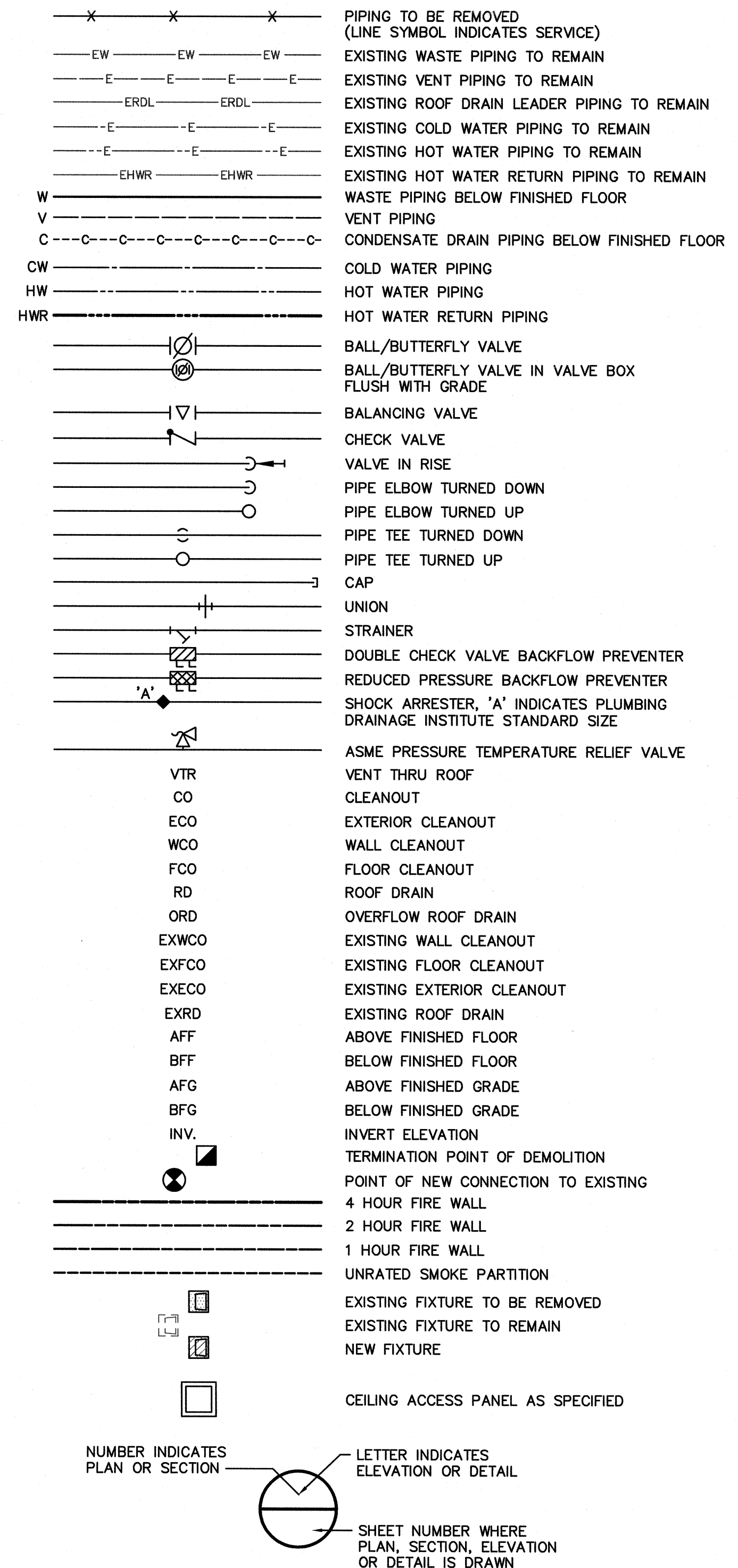
CIRCULATOR PUMP SCHEDULE

SYMBOL	GPM	THD	ELECTRICAL		LOCATION	SERVICE	CONTROL
			HP	VOLTAGE			
CP-1	2	12	1/25	115 V., 1Ø	EXG. MECH.	H.W. RETURN	AQUASTAT, TIME CLOCK
CP-2	1	6	1/40	115 V., 1Ø	JANITOR 100	H.W. RETURN	AQUASTAT, TIME CLOCK

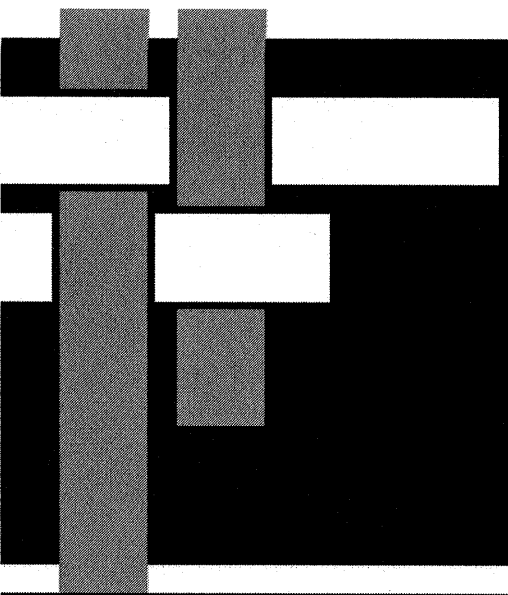
LINT FILTER SCHEDULE

SYMBOL	DESCRIPTION	ROUGH-IN SIZES		FLOW RATING	FILTER MEDIA
		INLET	OUTLET		
LF-1	LINT FILTER	3"	3"	70 GPM	REMOVABLE LINT SCREEN

LEGEND



TOTAL CONNECTED LOAD	
WASTE FIXTURE UNITS (RENOVATION) =	57.5 F.U.
WASTE FIXTURE UNITS (ADDITION) =	77.5 F.U.
WASTE FIXTURE UNITS (TOTAL) =	135 F.U.
COLD WATER DEMAND =	127 GPM
HOT WATER DEMAND (EXISTING WEST WATER HEATER) =	19.6 GPM
HOT WATER DEMAND (NEW WATER HEATER) =	21.5 GPM



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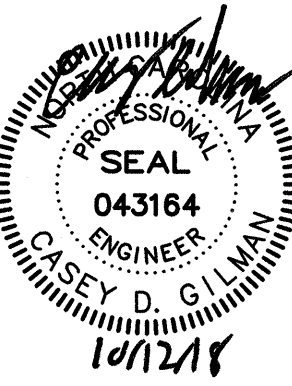
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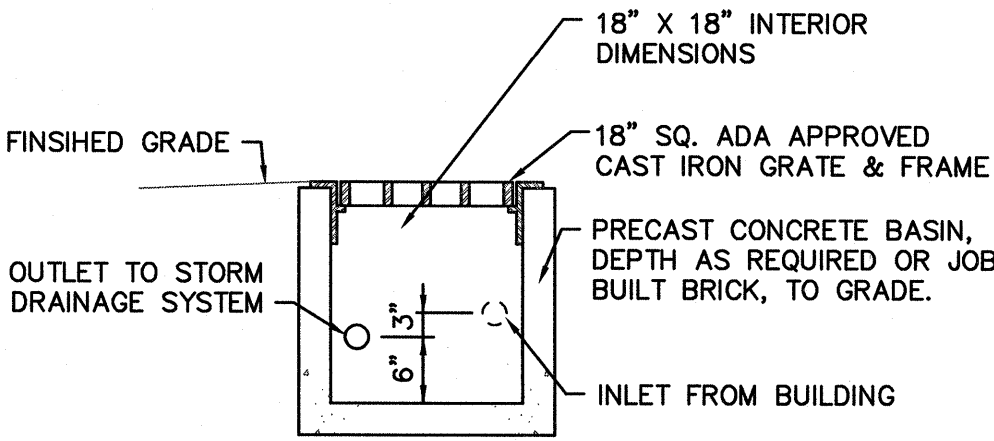
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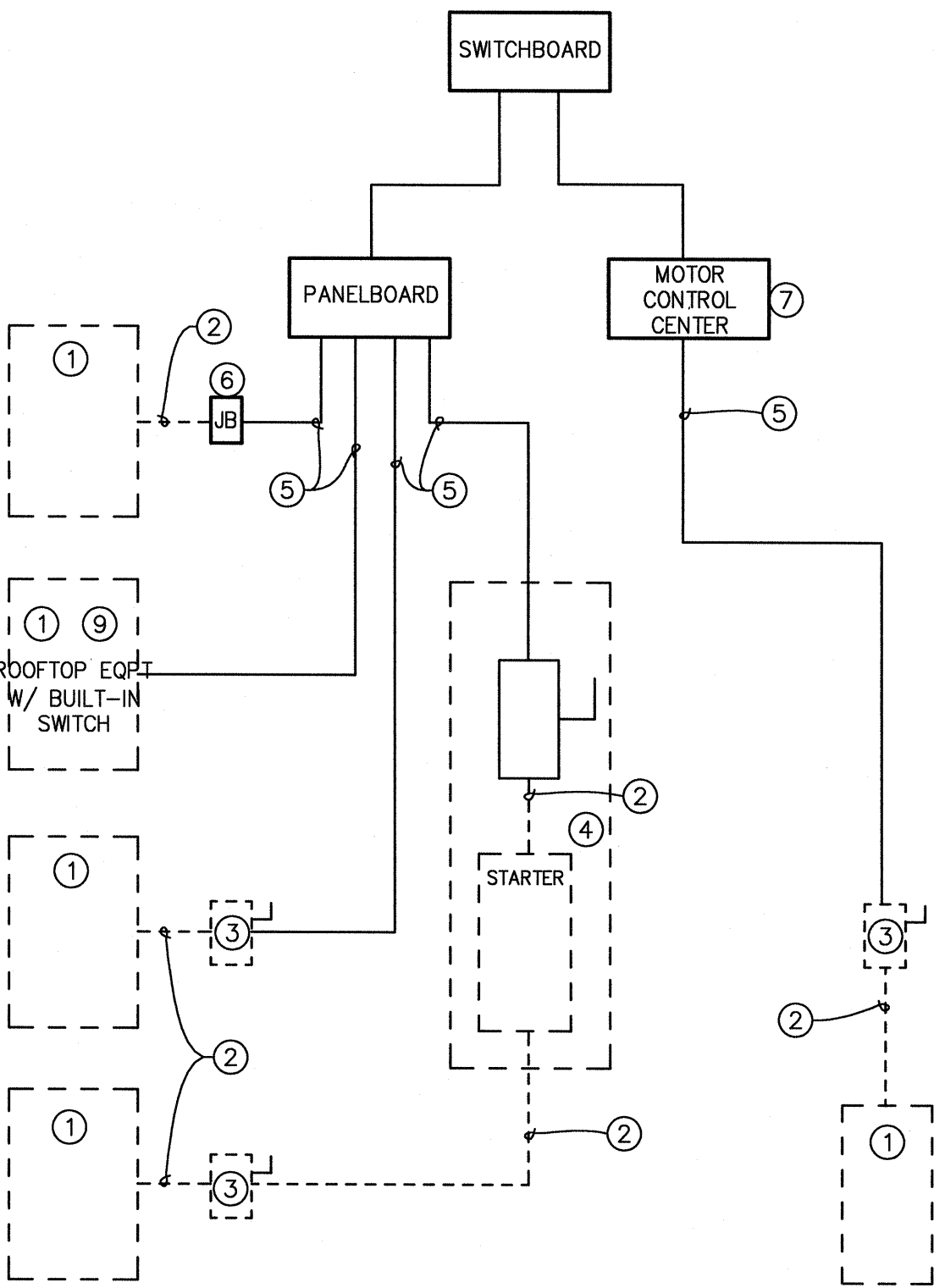
**PLUMBING
LEGEND,
SCHEDULES,
AND DETAILS**

P0.1

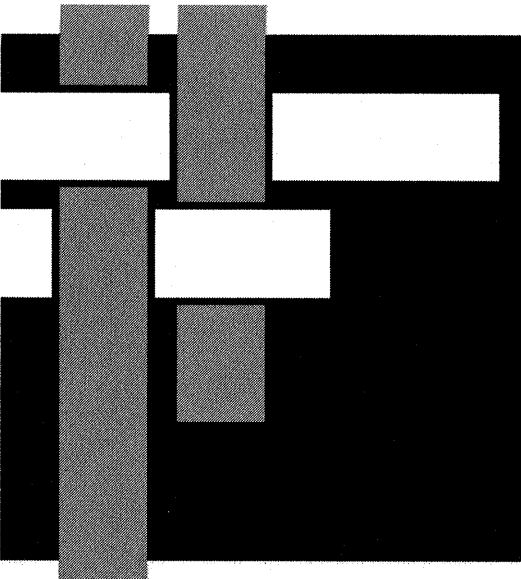


A CONDENSATE RELIEF BASIN
P0.2 NO SCALE

- ELECTRICAL NOTES**
- ① EQUIPMENT OF TRADES OTHER THAN ELECTRICAL.
 - ② CONDUIT & WIRING BY TRADES OTHER THAN ELECTRICAL.
 - ③ IF AN ADDITIONAL DISCONNECT IS REQUIRED BY THE NEC, IT SHALL BE PROVIDED AND INSTALLED BY THE EQUIPMENT CONTRACTOR.
 - ④ A COMBINATION STARTER OR VFD MAY BE USED IN LIEU OF A SEPARATE DISCONNECT SWITCH AND STARTER. LOCATE ADJACENT TO EQUIPMENT.
 - ⑤ FEEDER CIRCUIT WIRING AND CONDUIT IN ELECTRICAL WORK. SEE PANELBOARD SCHEDULES & DRAWINGS FOR BREAKER AND WIRE SIZES.
 - ⑥ JUNCTION BOX MAY BE SHOWN ON ELECTRICAL PLANS FOR SOME EQUIPMENT. IF NO STARTER OR DISCONNECT IS SUPPLIED, A JUNCTION BOX SHALL BE INSTALLED ADJACENT TO EQUIPMENT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE LINE SIDE WIRING TO THE JUNCTION BOX. LOAD SIDE WIRING SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR OR OTHER TRADES.
 - ⑦ FOR PROJECTS UTILIZING A MOTOR CONTROL CENTER; THE STARTER, C/B, OR VFD IN THE MCC ARE PROVIDED BY THE HVAC CONTRACTOR.
 - ⑧ IN ALL CASES, THE EQUIPMENT CONTRACTOR SHALL MAKE FINAL CONNECTIONS AND PERFORM START-UP AND TESTING OF EQUIPMENT.
 - ⑨ IF THE ROOF TOP FAN IS NOT PROVIDED WITH A BUILT-IN SWITCH, THE ELECTRICAL CONTRACTOR SHALL PROVIDE A DISCONNECT SWITCH.
 - ⑩ FOR A SINGLE PRIME CONTRACT, IT IS THE RESPONSIBILITY OF THE PRIME CONTRACTOR TO COORDINATE BETWEEN THE ELECTRICAL AND THE OTHER TRADES.



B ELECTRICAL CONNECTION TO MECHANICAL EQUIPMENT
P0.2 NO SCALE



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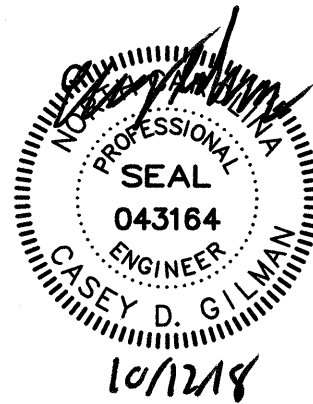
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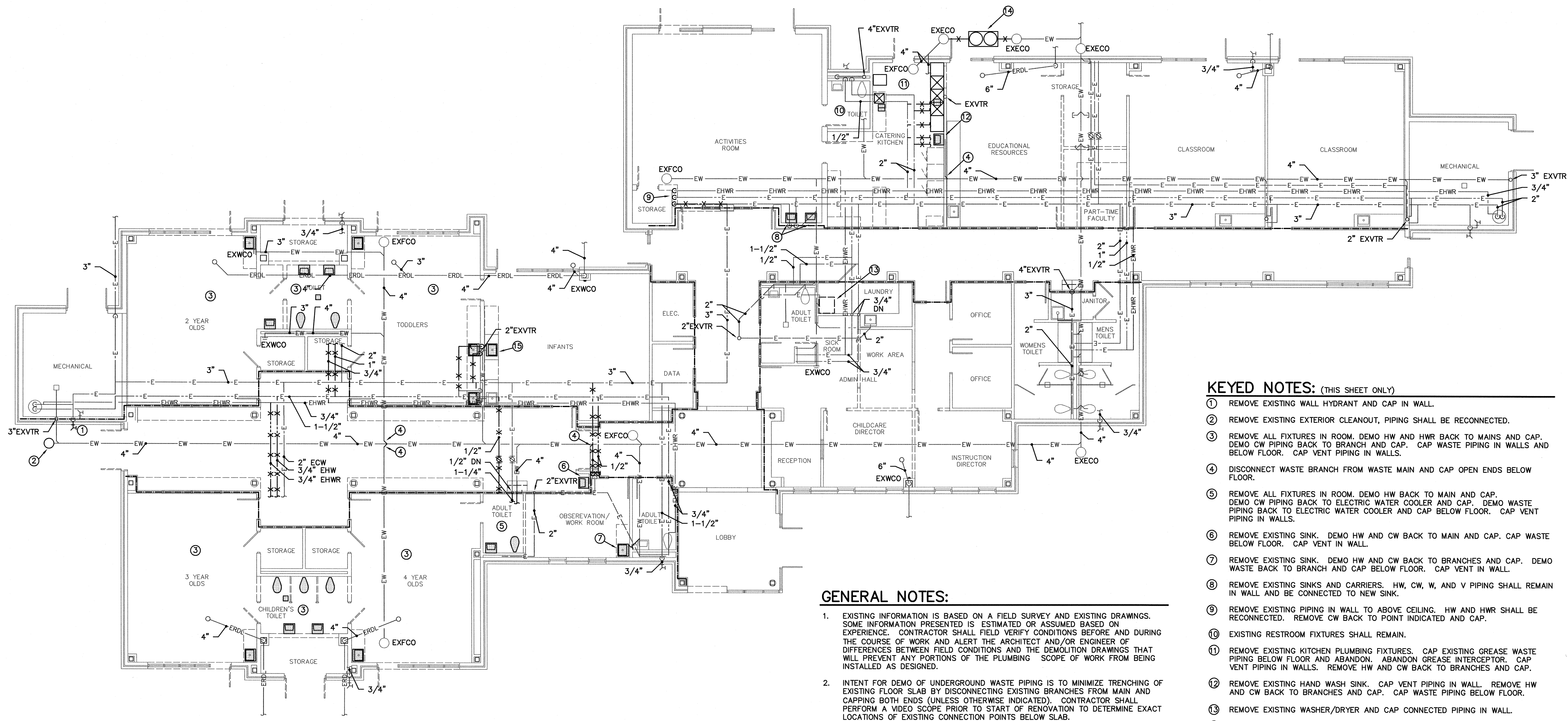
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**PLUMBING
DETAILS**

P0.2

2 of 9

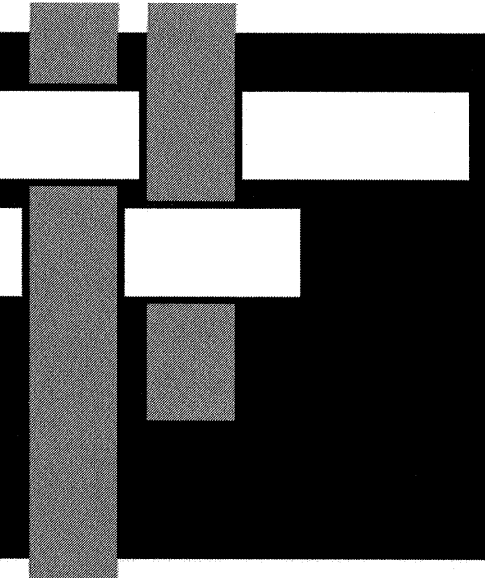
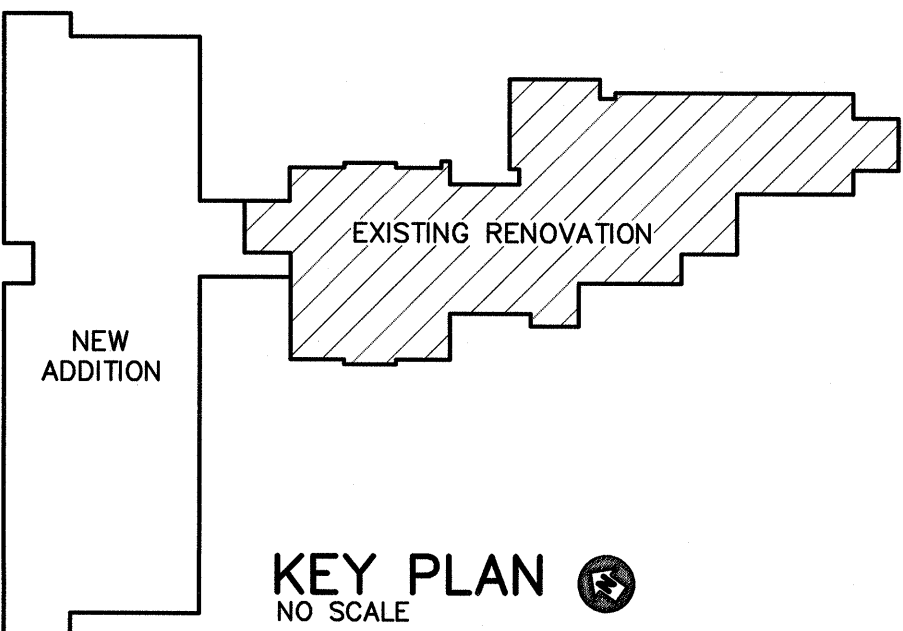
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- KEYED NOTES: (THIS SHEET ONLY)**
- 1 REMOVE EXISTING WALL HYDRANT AND CAP IN WALL.
 - 2 REMOVE EXISTING EXTERIOR CLEANOUT, PIPING SHALL BE RECONNECTED.
 - 3 REMOVE ALL FIXTURES IN ROOM. DEMO HW AND HWR BACK TO MAINS AND CAP. DEMO CW PIPING BACK TO BRANCH AND CAP. CAP WASTE PIPING IN WALLS AND BELOW FLOOR. CAP VENT PIPING IN WALLS.
 - 4 DISCONNECT WASTE BRANCH FROM WASTE MAIN AND CAP OPEN ENDS BELOW FLOOR.
 - 5 REMOVE ALL FIXTURES IN ROOM. DEMO HW BACK TO MAIN AND CAP. DEMO CW PIPING BACK TO ELECTRIC WATER COOLER AND CAP. DEMO WASTE PIPING BACK TO ELECTRIC WATER COOLER AND CAP BELOW FLOOR. CAP VENT PIPING IN WALLS.
 - 6 REMOVE EXISTING SINK. DEMO HW AND CW BACK TO MAIN AND CAP. CAP WASTE BELOW FLOOR. CAP VENT IN WALL.
 - 7 REMOVE EXISTING SINK. DEMO HW AND CW BACK TO BRANCHES AND CAP. DEMO WASTE BACK TO BRANCH AND CAP BELOW FLOOR. CAP VENT IN WALL.
 - 8 REMOVE EXISTING SINKS AND CARRIERS. HW, CW, W, AND V PIPING SHALL REMAIN IN WALL AND BE CONNECTED TO NEW SINK.
 - 9 REMOVE EXISTING PIPING IN WALL TO ABOVE CEILING. HW AND HWR SHALL BE RECONNECTED. REMOVE CW BACK TO POINT INDICATED AND CAP.
 - 10 EXISTING RESTROOM FIXTURES SHALL REMAIN.
 - 11 REMOVE EXISTING KITCHEN PLUMBING FIXTURES. CAP EXISTING GREASE WASTE PIPING BELOW FLOOR AND ABANDON. ABANDON GREASE INTERCEPTOR. CAP VENT PIPING IN WALLS. REMOVE HW AND CW BACK TO BRANCHES AND CAP.
 - 12 REMOVE EXISTING HAND WASH SINK. CAP VENT PIPING IN WALL. REMOVE HW AND CW BACK TO BRANCHES AND CAP. CAP WASTE PIPING BELOW FLOOR.
 - 13 REMOVE EXISTING WASHER/DRYER AND CAP CONNECTED PIPING IN WALL.
 - 14 REMOVE EXISTING 1,000 GALLON PRECAST UNDERGROUND GREASE INTERCEPTOR. REMOVE INLET AND OUTLET PIPING BACK TO NEAREST CLEANOUTS AND CAP BELOW GRADE.
 - 15 REMOVE EXISTING SINK. DEMO HW AND CW AS INDICATED AND CAP. CAP WASTE AND VENT IN WALL.

- GENERAL NOTES:**
1. EXISTING INFORMATION IS BASED ON A FIELD SURVEY AND EXISTING DRAWINGS. SOME INFORMATION PRESENTED IS ESTIMATED OR ASSUMED BASED ON EXPERIENCE. CONTRACTOR SHALL FIELD VERIFY CONDITIONS BEFORE AND DURING THE COURSE OF WORK AND ALERT THE ARCHITECT AND/OR ENGINEER OF DIFFERENCES BETWEEN FIELD CONDITIONS AND THE DEMOLITION DRAWINGS THAT WILL PREVENT ANY PORTIONS OF THE PLUMBING SCOPE OF WORK FROM BEING INSTALLED AS DESIGNED.
 2. INTENT FOR DEMO OF UNDERGROUND WASTE PIPING IS TO MINIMIZE TRENCHING OF EXISTING FLOOR SLAB BY DISCONNECTING EXISTING BRANCHES FROM MAIN AND CAPPING BOTH ENDS (UNLESS OTHERWISE INDICATED). CONTRACTOR SHALL PERFORM A VIDEO SCOPE PRIOR TO START OF RENOVATION TO DETERMINE EXACT LOCATIONS OF EXISTING CONNECTION POINTS BELOW SLAB.

1 PLUMBING PLAN - DEMOLITION
SCALE: 1/8" = 1'-0"
GRAPHIC SCALE: 1/8" = 1'-0"
0 2 4 8 16



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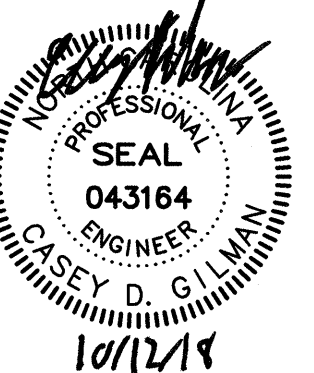
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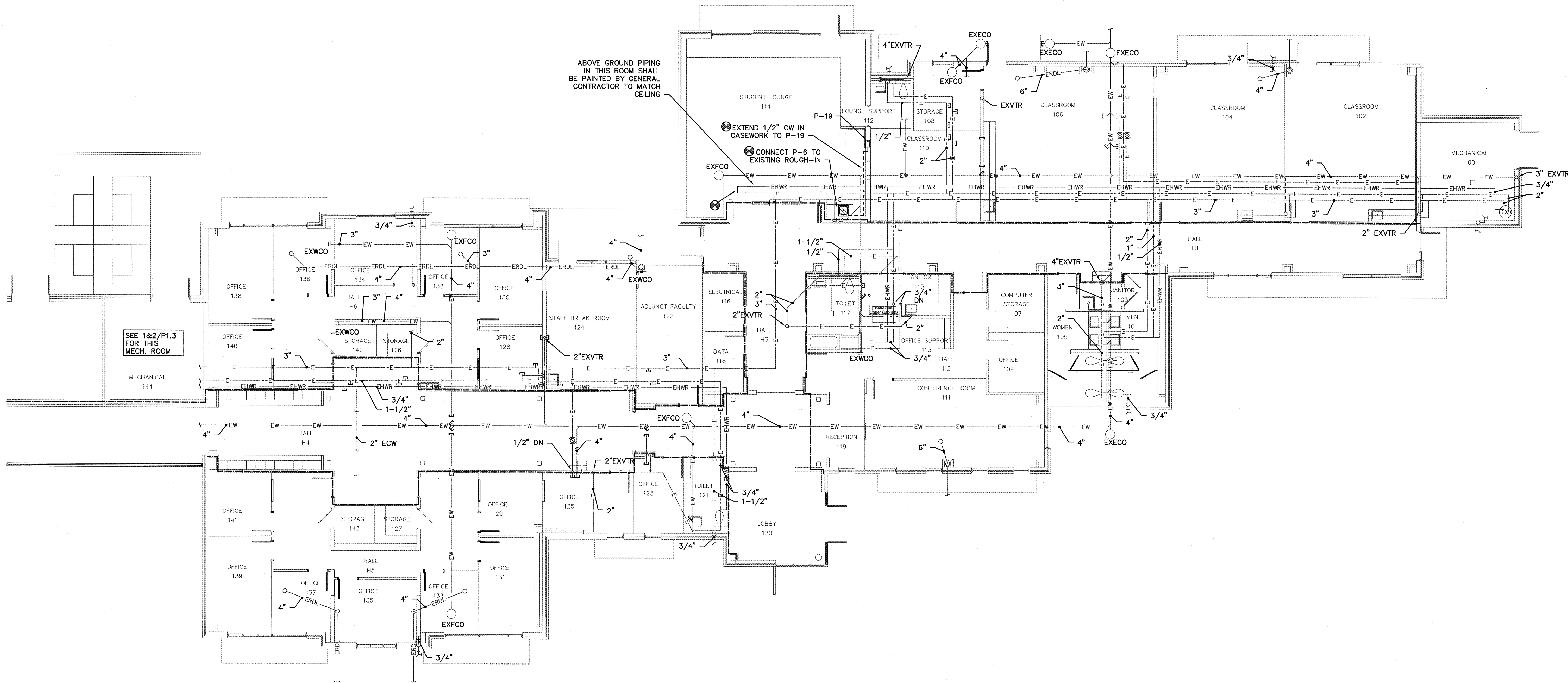
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**PLUMBING PLAN
- DEMOLITION**

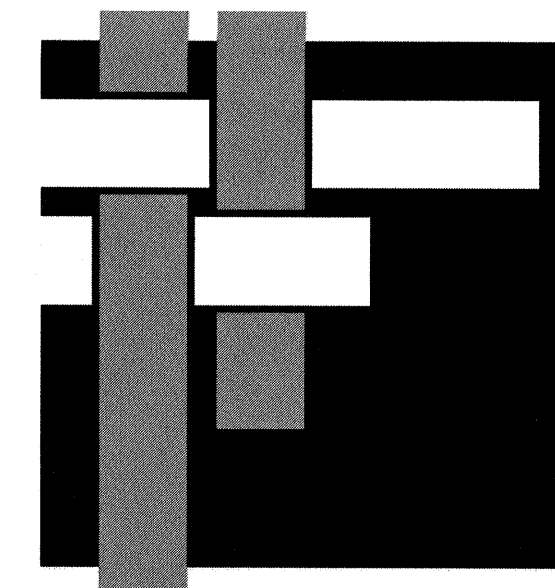
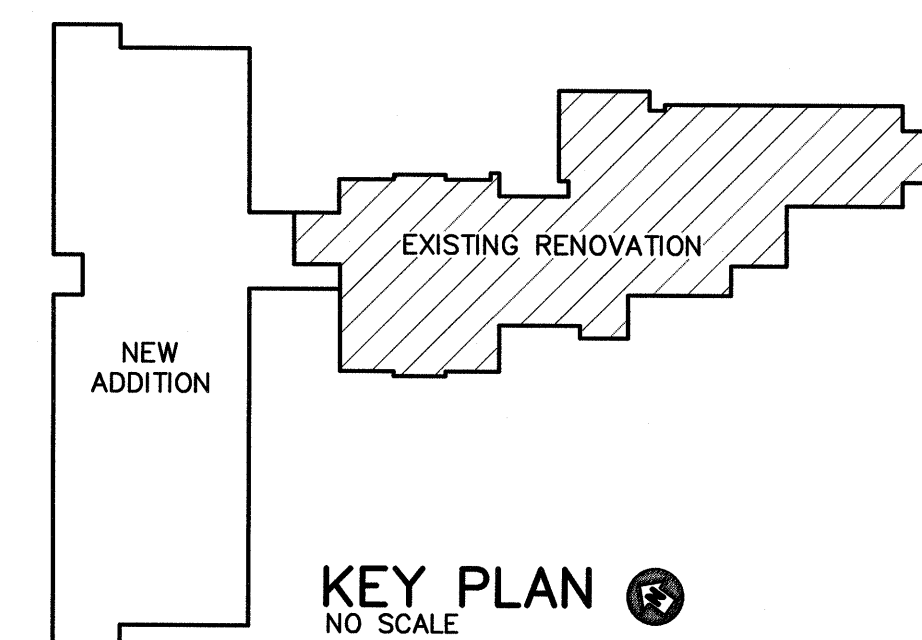
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1 PLUMBING PLAN – RENOVATION
 SCALE: 1/8" = 1'-0"
 GRAPHIC SCALE: 1" = 1'-0"
 0 2 4 8 16

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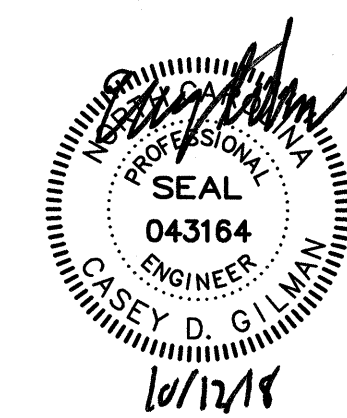
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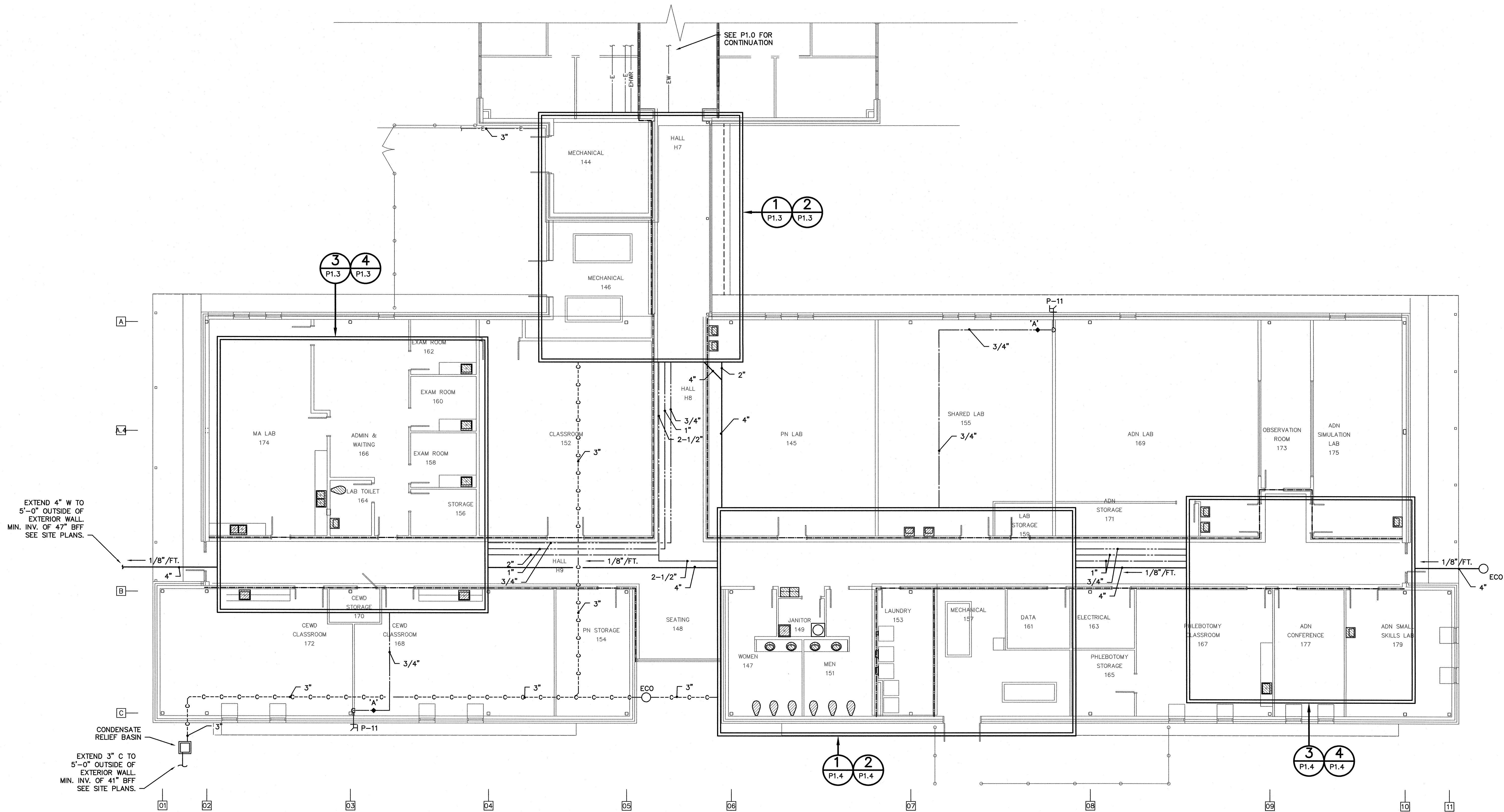
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**PLUMBING PLAN
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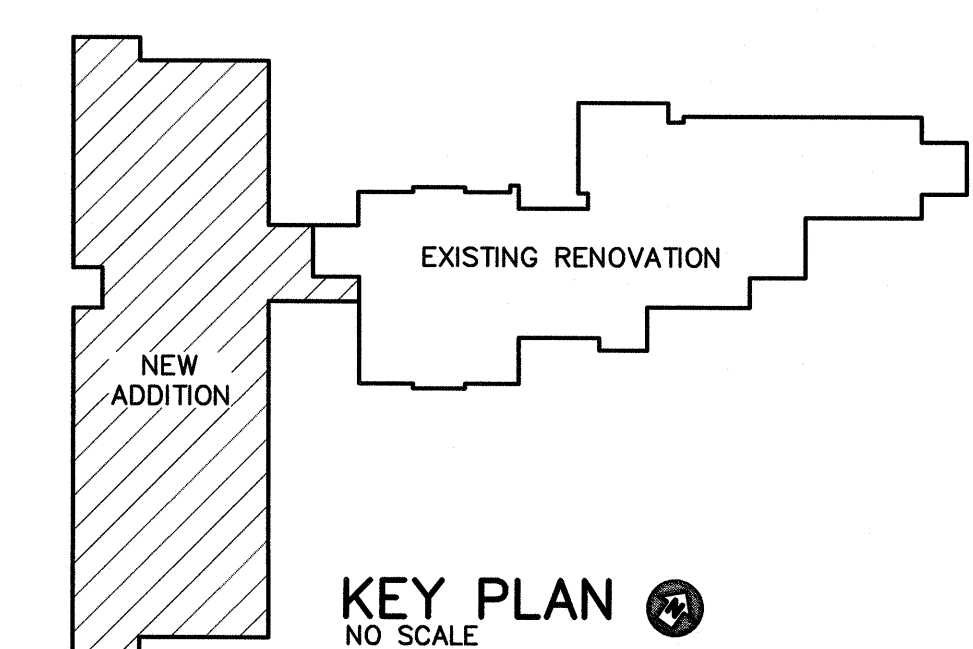
P1.0



1 PLUMBING PLAN — NEW ADDITION
 SCALE: 1/8" = 1'-0"
 GRAPHIC SCALE: 1/8" = 1'-0"
 0 2 4 8 16

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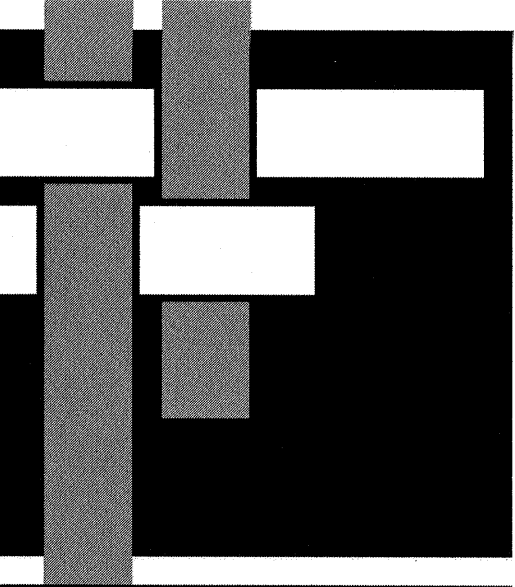
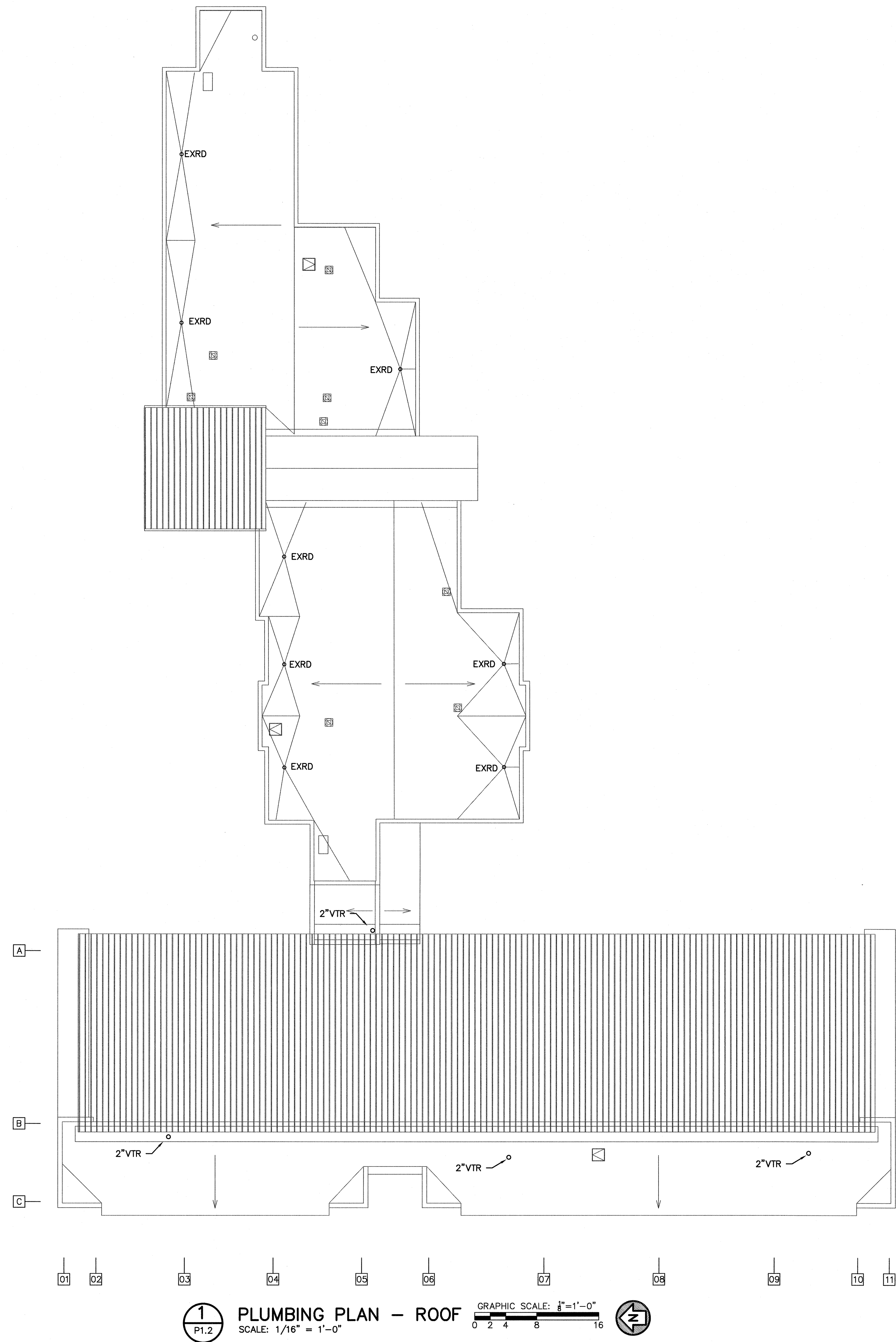
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PLUMBING PLAN - NEW ADDITION

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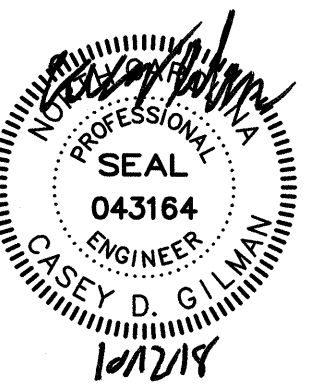
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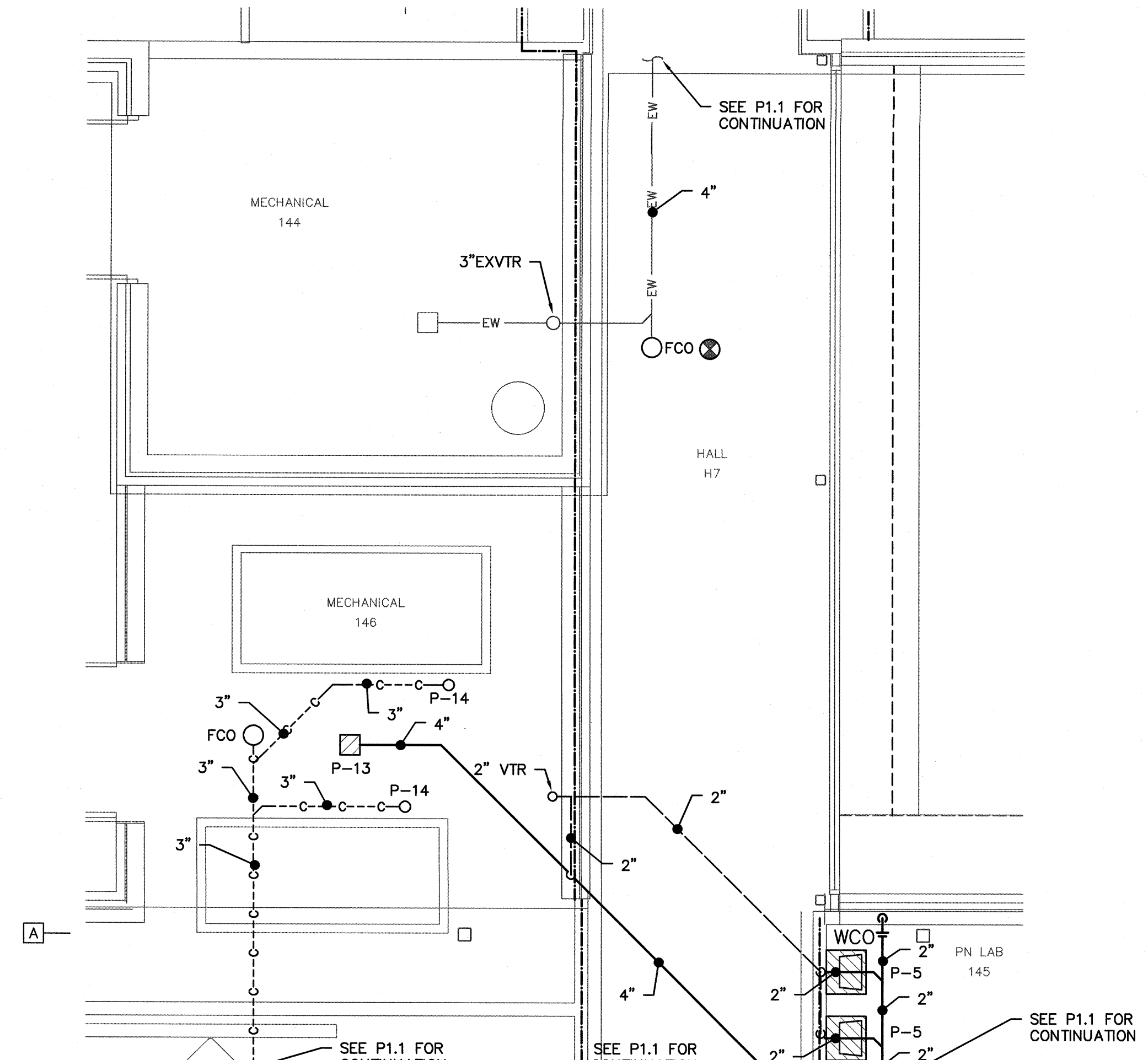
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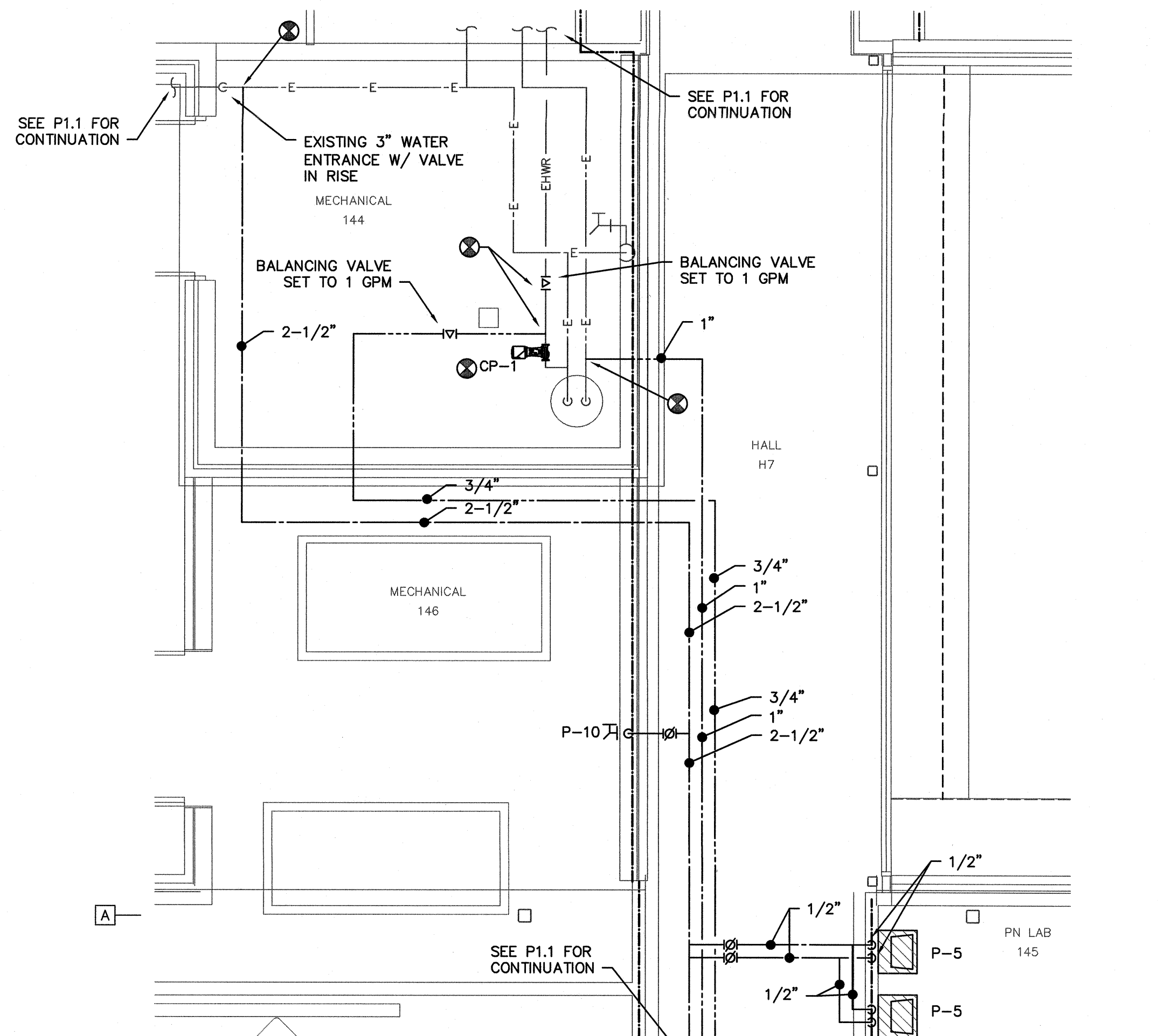
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**PLUMBING PLAN
- ROOF**

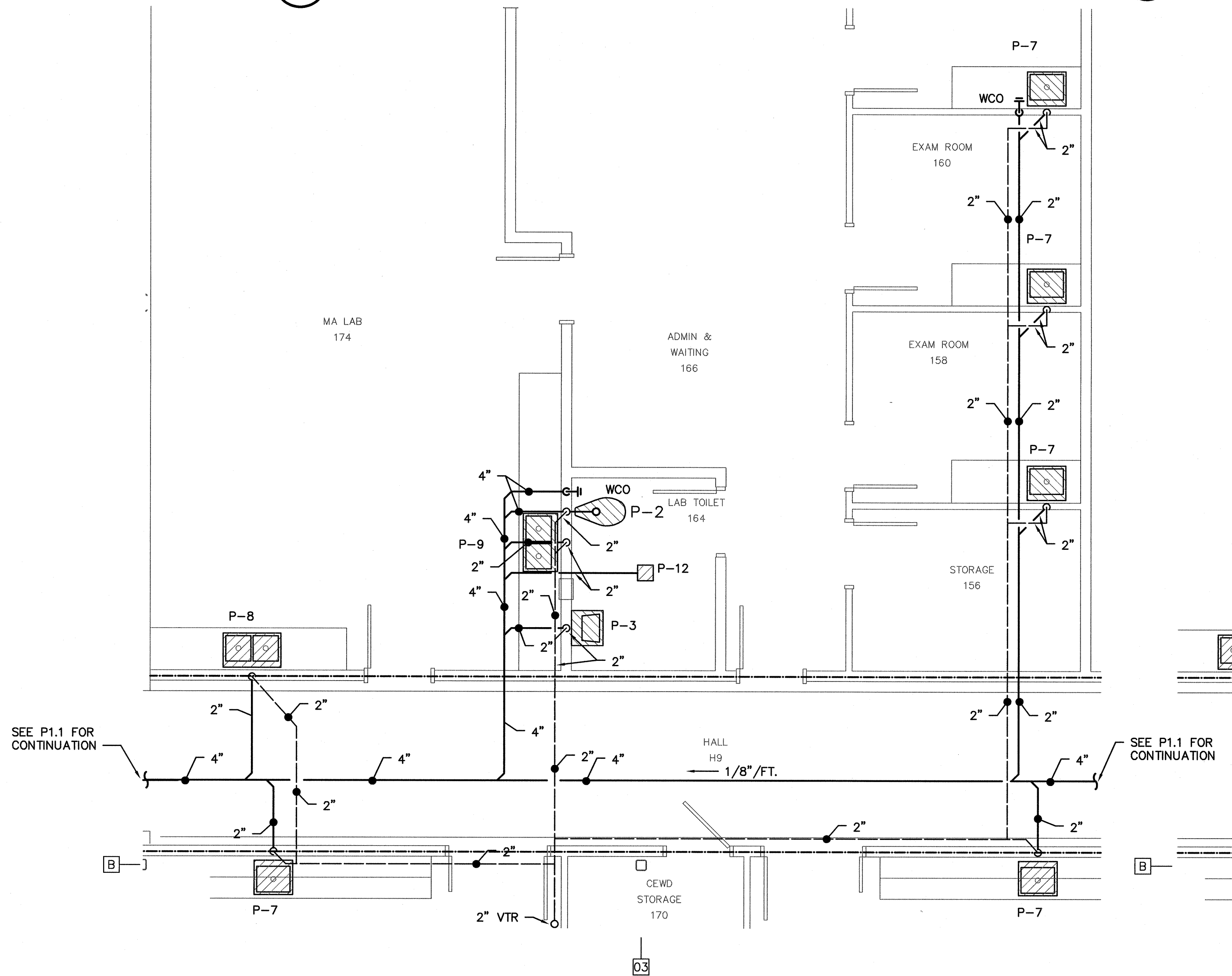
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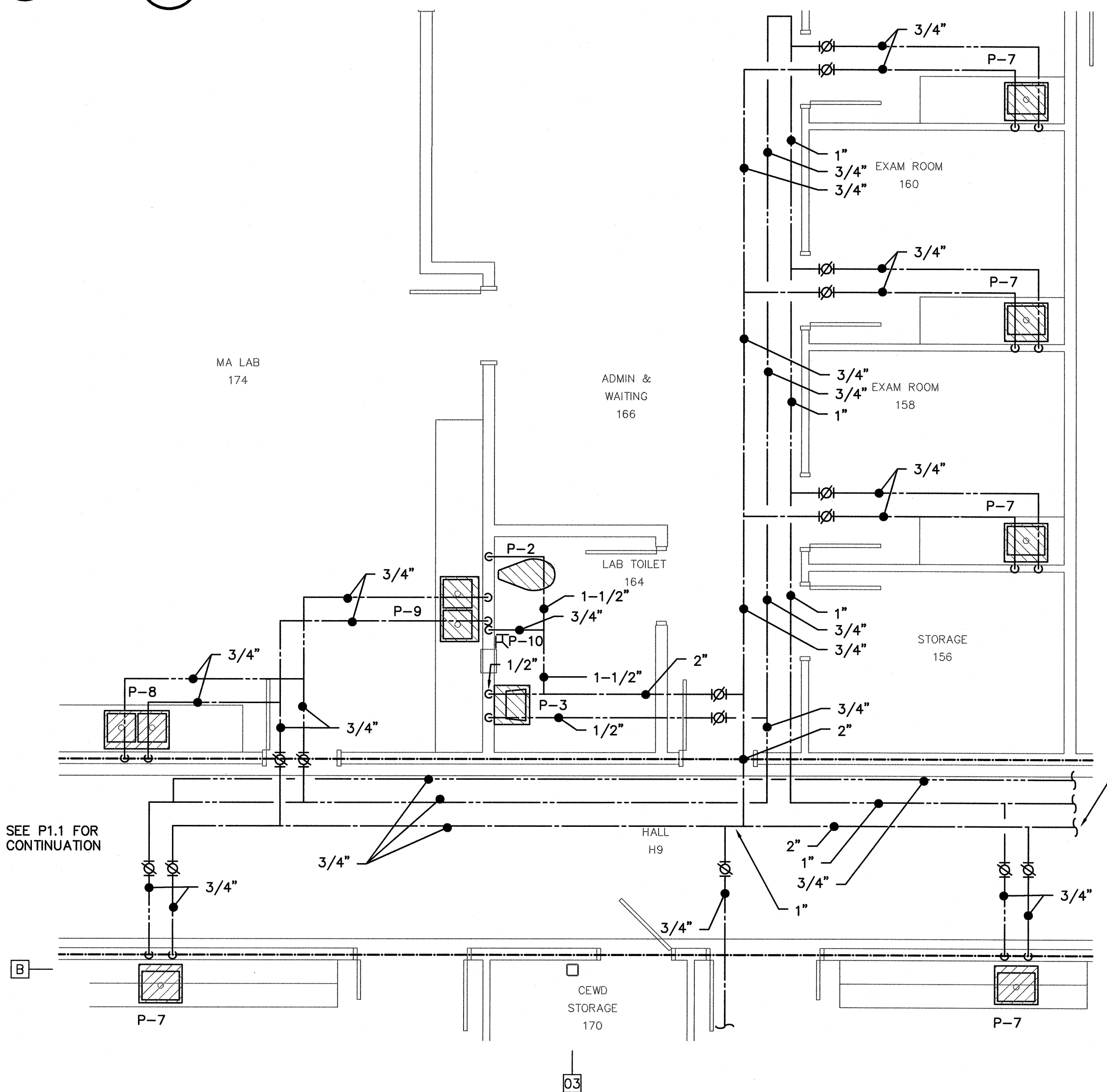
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P1.3
ENLARGED PLUMBING PLAN 1 – WASTE & VENT
SCALE: 1/4" = 1'-0"
GRAPHIC SCALE: 1/4" = 1'-0"



2
P1.3
ENLARGED PLUMBING PLAN 1 – DOMESTIC WATER
SCALE: 1/4" = 1'-0"
GRAPHIC SCALE: 1/4" = 1'-0"



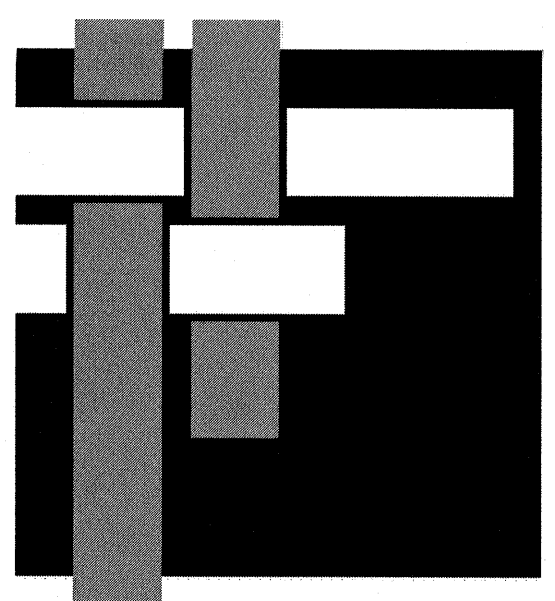
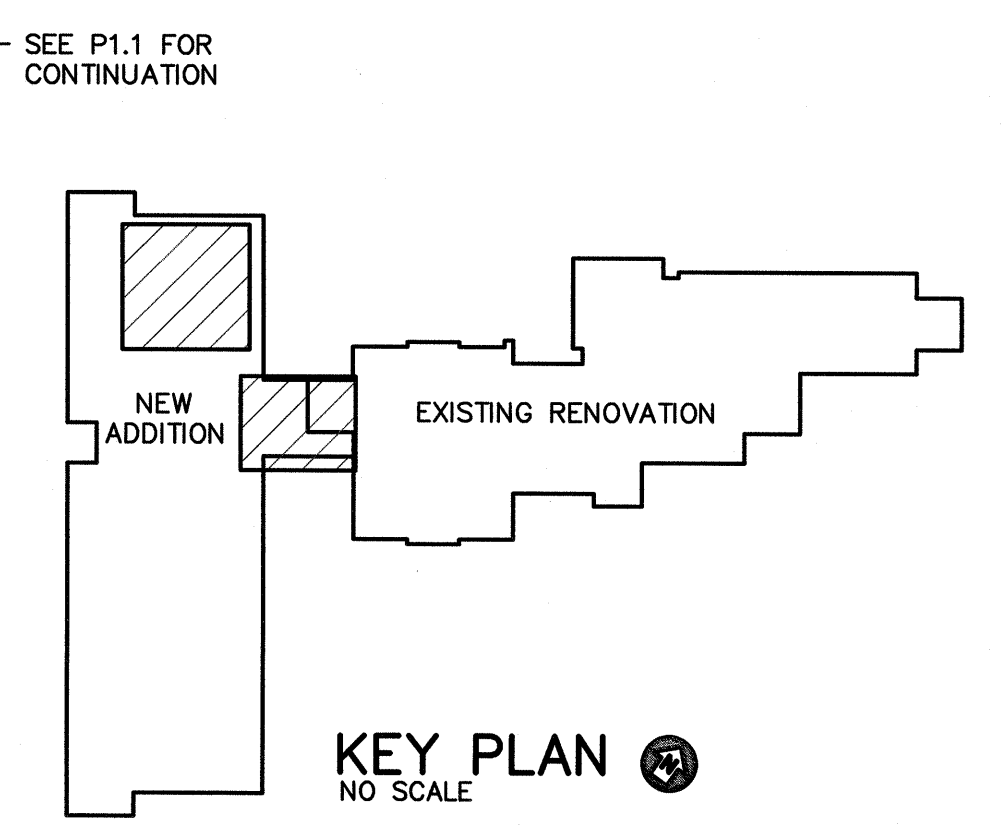
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P1.3
ENLARGED PLUMBING PLAN 2 – WASTE & VENT
SCALE: 1/4" = 1'-0"
GRAPHIC SCALE: 1/4" = 1'-0"



4
P1.3
ENLARGED PLUMBING PLAN 2 – DOMESTIC WATER
SCALE: 1/4" = 1'-0"
GRAPHIC SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. EXISTING INFORMATION IS BASED ON A FIELD SURVEY AND EXISTING DRAWINGS. SOME INFORMATION PRESENTED IS ESTIMATED OR ASSUMED BASED ON EXPERIENCE. CONTRACTOR SHALL FIELD VERIFY CONDITIONS BEFORE AND DURING THE COURSE OF WORK AND ALERT THE ARCHITECT AND/OR ENGINEER OF DIFFERENCES BETWEEN FIELD CONDITIONS AND THE DEMOLITION DRAWINGS THAT WILL PREVENT ANY PORTIONS OF THE PLUMBING SCOPE OF WORK FROM BEING INSTALLED AS DESIGNED.



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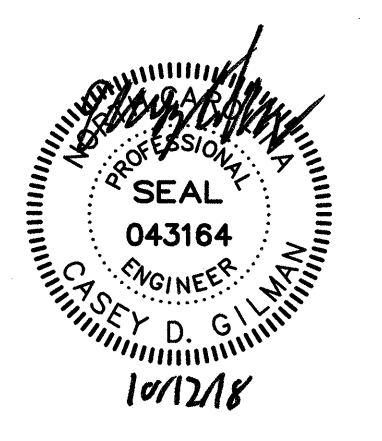
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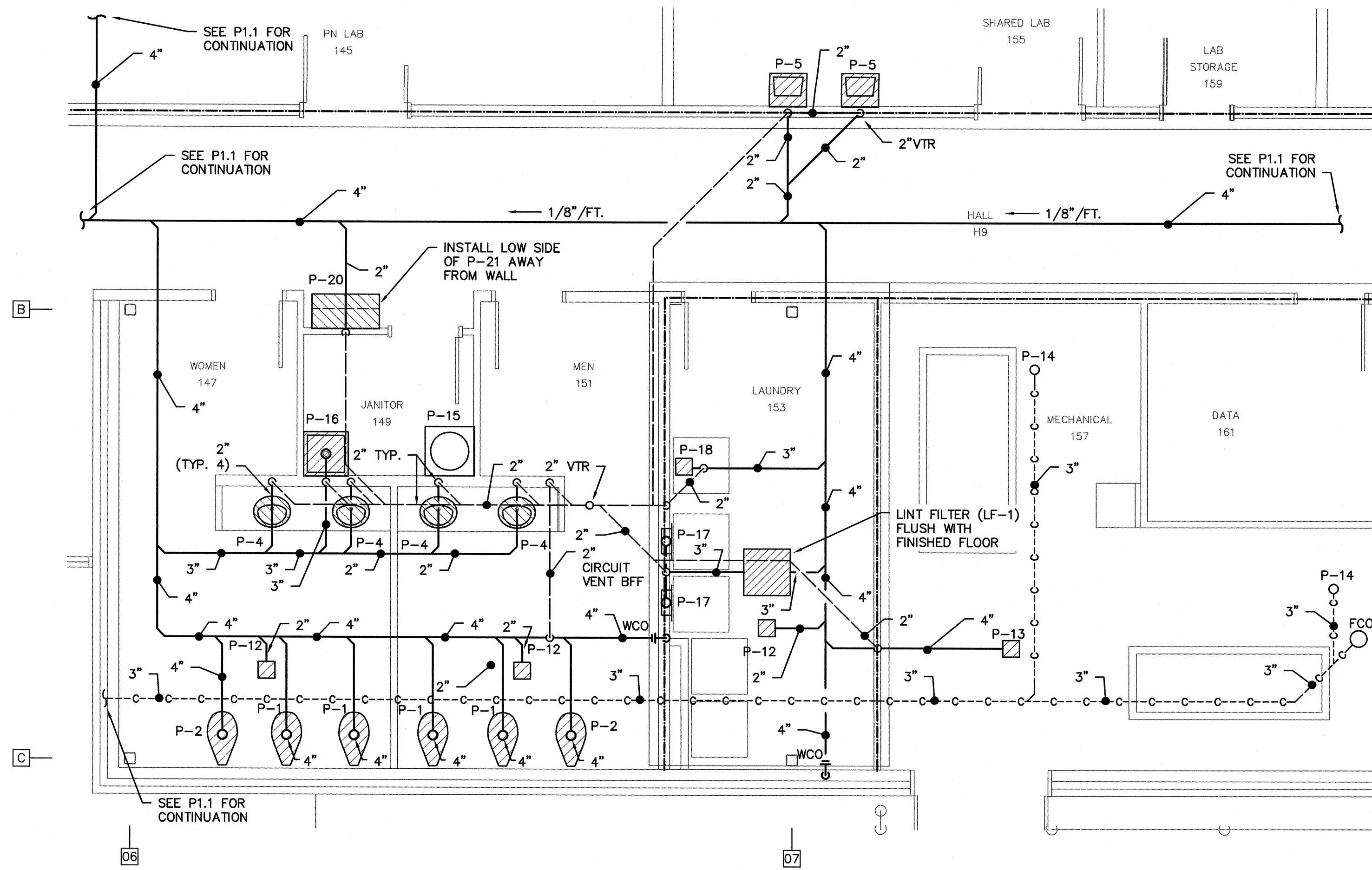
185 College Rd NE
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Project No: 16-15828-01

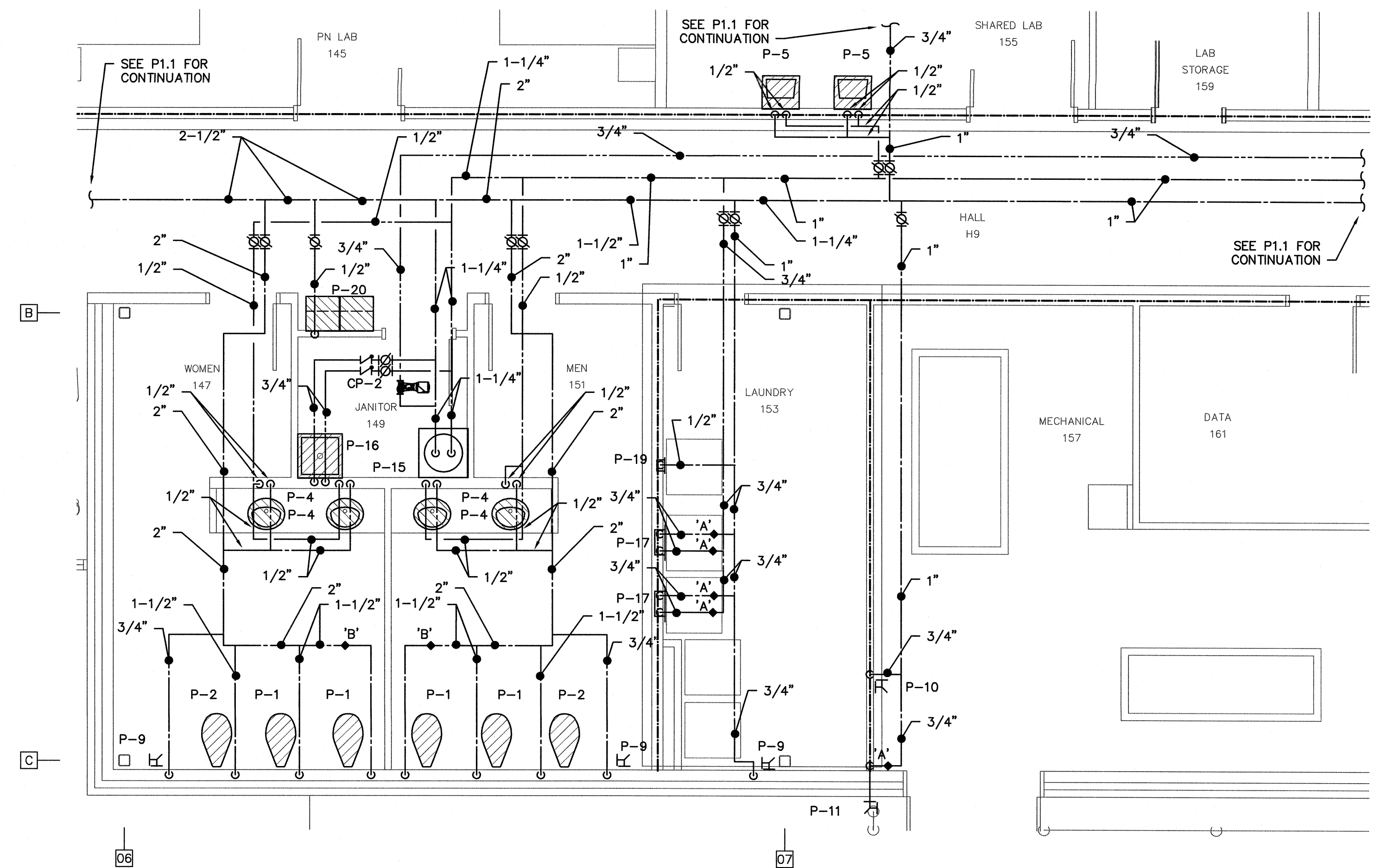
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ENLARGED
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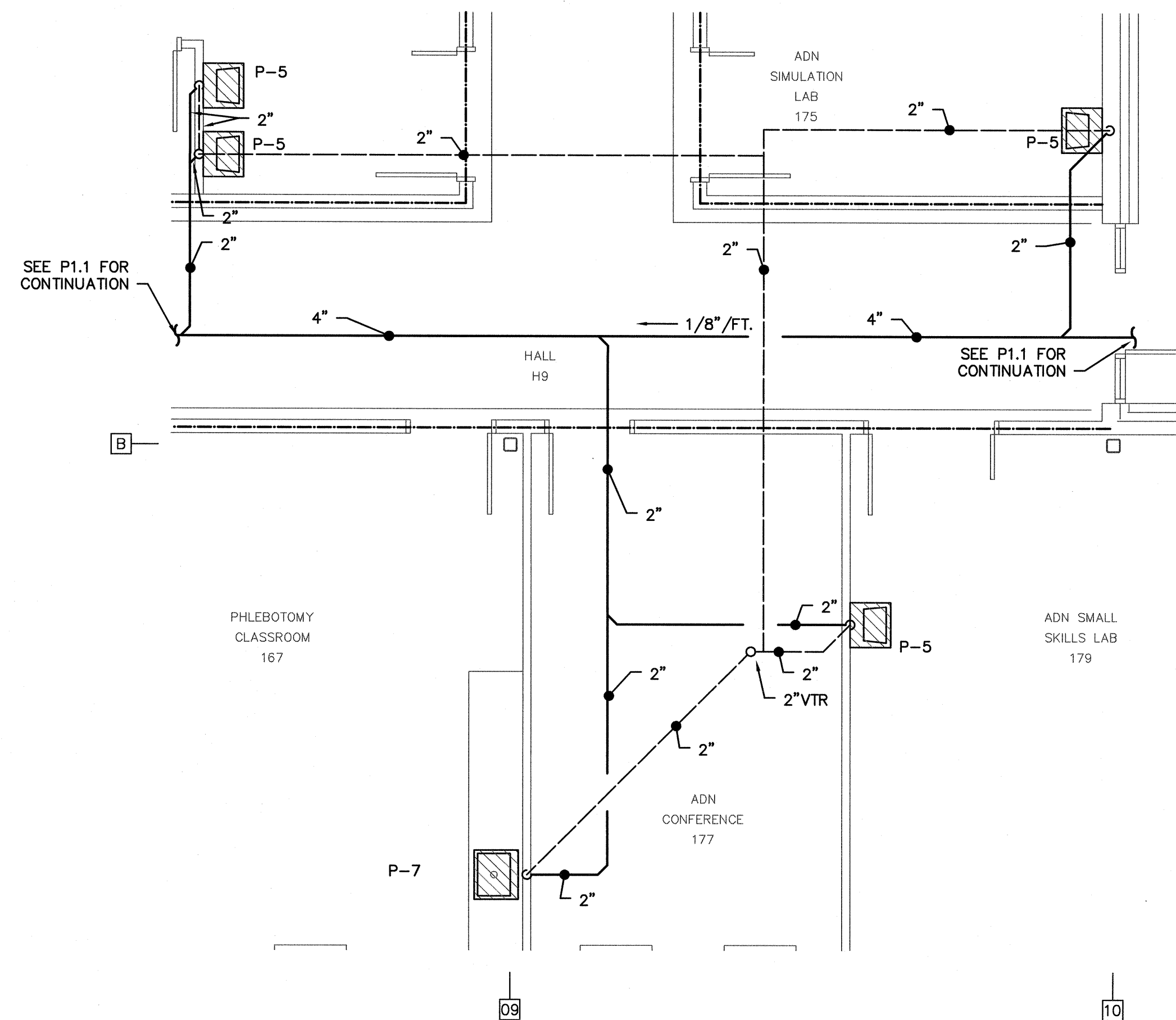
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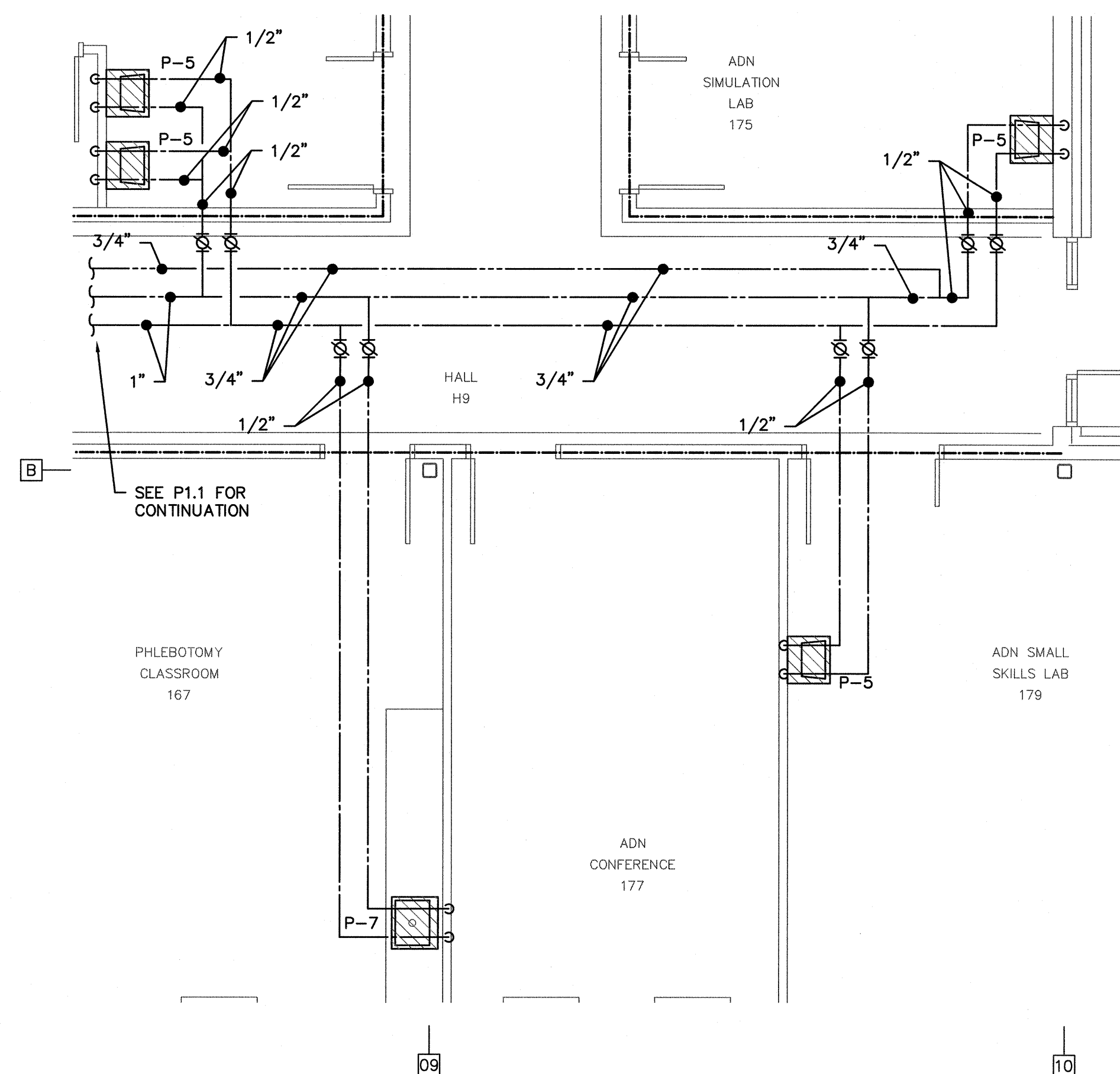
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P1.4
ENLARGED PLUMBING PLAN 3 - WASTE & VENT
SCALE: 1/4" = 1'-0" GRAPHIC SCALE: 1/8"=1'-0"
0 1 2 4 8



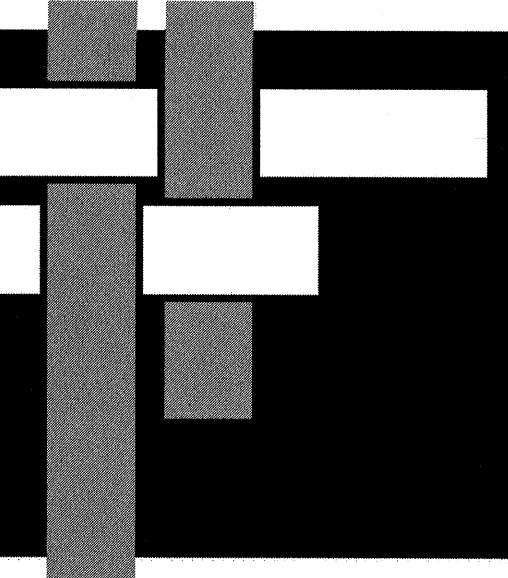
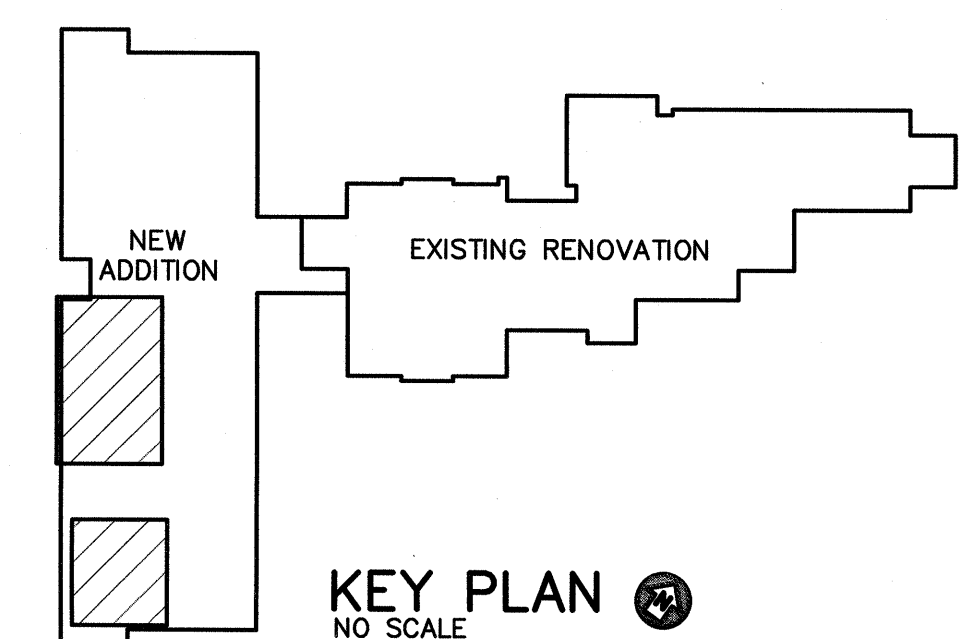
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P1.4
ENLARGED PLUMBING PLAN 3 - DOMESTIC WATER
SCALE: 1/4" = 1'-0" GRAPHIC SCALE: 1/8"=1'-0"
0 1 2 4 8



3
P1.4
ENLARGED PLUMBING PLAN 4 - WASTE & VENT
SCALE: 1/4" = 1'-0" GRAPHIC SCALE: 1/8"=1'-0"
0 1 2 4 8



4
P1.4
ENLARGED PLUMBING PLAN 4 - DOMESTIC WATER
SCALE: 1/4" = 1'-0" GRAPHIC SCALE: 1/8"=1'-0"
0 1 2 4 8



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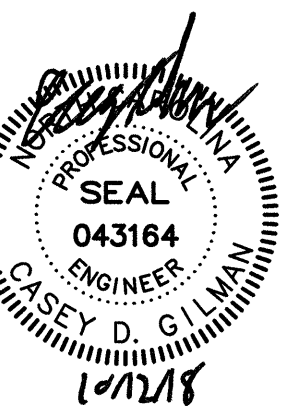
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15 October, 2018

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P1.4

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